

Fanshawe College

FIRST: Fanshawe Innovation, Research, Scholarship, Teaching

Documentation (Approvals etc...)

Computer Programmer Analyst

2017

CPA2 Curriculum Modification for 2018-19

Fanshawe College

Follow this and additional works at: https://first.fanshawec.ca/cae_infotech_compprogramanalyst_documentation

CURRICULUM MODIFICATION REQUEST FORM

COURSE OR PROGRAM CURRICULUM "RATIONALE FOR CHANGE"

RECEIVED

DEC 18 2017

Program Requiring Changes

Office of the Registrar

| | | |
|---|---|------------------------------|
| Program Title: Computer Programmer Analyst | | |
| Program Number: CPA2 | Date Submitted: 12/6/2017 | |
| Dean responsible for program: David Belford | Chair: Jim Edwards | |
| Credential Provided: <input type="checkbox"/> Declaration of Academic Achievement <input type="checkbox"/> Local Certificate <input type="checkbox"/> Ontario College Certificate <input type="checkbox"/> Diploma <input checked="" type="checkbox"/> Advanced Diploma <input type="checkbox"/> Grad Certificate <input type="checkbox"/> Degree <input type="checkbox"/> Apprenticeship | | |
| Program Intakes: <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input type="checkbox"/> S Other: | Catalogue Year(s) Impacted: 20189 | |
| Residency Requirement: <input type="checkbox"/> Met or <input type="checkbox"/> Not Met | Date of Last Program Review: Click here to enter a date. | |
| <i>I have read the reasons for the change and...</i> | | <i>Signature and date</i> |
| Dean of Faculty (responsible for program): | <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve | <i>LBelford Dec-15/17</i> |
| Dean of Faculty (impacted by change): | <input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve | |
| Dean of Faculty (impacted by change): | <input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve | |
| Senior Vice President Academic (required for major changes and late DAs): | <input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve | |
| Director, Centre for Academic Excellence: | <input checked="" type="checkbox"/> Supports <input type="checkbox"/> Does Not Support | <i>Tracy Geddes Jan 2/18</i> |
| Office of the Registrar: | <input checked="" type="checkbox"/> Supports <input type="checkbox"/> Does Not Support | <i>McCall</i> |

- no change till fall 18 - course equivalency

Please answer each of the questions below, if applicable. Missing or incomplete information may delay review of the proposed changes.

1.0 Describe proposed change(s). Complete Appendix A (if necessary) and amend SDAR (Refer to Appendix C).

Given the potential for curricular overlap between INFO 1234 Lamp Intro and INFO 3139 JavaScript, it is requested that we rename INFO-1234 to Introduction to Web Scripting

2.0 Reason/Rationale for Changes

2.1 The reason for the change is based on:

- ☐ A recent program review
- ☐ College Advisory Committee feedback
- ☐ Program Advisory Committee feedback
- ☐ Student feedback
- ☐ KPI results
- ☐ Accreditation or other regulatory requirements
- ☒ Shared curriculum
- ☐ Trends in the field/industry
- ☐ Other (please describe):

2.2 Does the change support the College's Strategic Framework (mission, vision, values)?

- ☒ Yes
- ☐ No (If no, please explain)

2.3 What strategic goal(s) does the proposed change support?

- ☐ Goal 1 - Enrolment growth
- ☐ Goal 2 - Flexible delivery options
- ☒ Goal 3 - Premier student experience
- ☐ Goal 4 - Sustainable College life

3.0 Students

3.1 Will the change affect the cost of the program for students?

- ☐ Yes
- ☒ No

3.2 If yes, there will be an additional cost for:

- ☐ Materials (Include details):
- ☐ Equipment (Include details):
- ☐ Other (Please describe):

4.0 Program Learning Outcomes

4.1 Will the proposed change meet the Program Vocational Learning Outcomes? (Complete Appendix B and mark the changes in the mapping [e.g. red font])

- ☒ Yes (Continues to meet)
- ☐ No

4.2 Are there any implications related to progression because of pre-requisite courses (and/or co-requisite courses)?

- ☒ No
- ☐ Yes (If yes, please explain)

5.0 Relationships with Other Programs

5.1 Are any of the courses impacted by the change provided by another School (e.g., SLLS, LKSB) and/or delivered at another campus?

- ☒ No
- ☐ Yes

5.2 What Schools/Campuses will be impacted by the proposed change?

- ☒ School of Information Technology
- ☐ Lawrence Kinlin School of Business
- ☐ School of Tourism and Hospitality
- ☐ School of Health Sciences
- ☐ School of Human Services
- ☐ School of Nursing
- ☐ School of Public Safety
- ☐ School of Contemporary Media
- ☐ School of Design
- ☐ School of Language and Liberal Studies
- ☐ Norton Wolf School of Aviation Technology
- ☐ School of Applied Sciences and Technology
- ☐ Donald J. Smith School of Building Technology
- ☐ School of Transportation Technology
- ☐ Continuing Education
- ☐ Simcoe/Norfolk Regional Campus
- ☐ St Thomas/Elgin Regional Campus
- ☐ Woodstock/Oxford Regional Campus

☐ Huron/Bruce Regional Sites

5.3 Will the change affect pathway agreements (e.g., bridging, articulations, laddering, advanced standing) with other Fanshawe program(s) and/or other institution(s)?
(Refer to the pathway agreements listed here: <http://transferagreements.fanshawec.ca/>)

☒ No (the change is minor)

☐ Yes (If yes, indicate when you will notify the other Fanshawe program(s) and/or other institution(s) and the Pathways Coordinator in the Centre for Academic Excellence of the change)

5.4 If this program is a Co-Operative Education program, will the proposed change impact Co-op?

☒ No

☐ Yes (If yes, consult with the Co-op office prior to submission)

6.0 Resource Implications of Proposed Changes

6.1 Will the proposed change have staffing implications?

☒ No

☐ Yes (If yes, please explain)

6.2 Will the proposed change impact any of the Enabling areas?

☒ No

☐ Yes (If yes, please explain)

6.3 Will the proposed change affect space and/or technology requirements?

☒ No

☐ Yes (If yes, please explain)

7.0 General College Requirements

7.1 Are changes consistent with Colleges policies?

☒ Yes

☐ No (If no, please explain)

7.2 Indicate:

i) Total program hours before proposed change: 363

ii) Total program hours after proposed change: 363

iii) Level(s) in which the proposed change(s) occurs: 2

7.2.1 Are the total program hours consistent with the requirements as listed below?

Degree Audit Report

Catalog: 2018/2019

Program: CPA2
Department: ITY - Information Technology
Academic Level: PS
CCD: 9 - 6AcadSem/1800-2100hrs
Credential: Ontario College Advanced Dipl

Name: Computer Programmer Analyst

Grade Scheme: LG2

Major: CPA2 - Computer Programmer Analyst

Div: ITY - Information Technology Division

Co-Op Indicator: Mandatory Co-op

Academic Program Requirement

Total Credits: 121.00
GPA Requirement: 2.00
Minimum Grade: D

Residency Reqmt: 31.00
Residency Reqmt GPA: 2.00

Academic Requirement: CPA2.18 Computer Programmer Analyst

Major: CPA2
Grade Scheme: LG2
Minimum GPA: 2.00
Minimum Grade:

Subrequirement: Level 1

Take all of the following Mandatory Courses:

Group 1

| | | Total Hours | Total Credits | GE |
|-----------|---|----------------|------------------|----|
| BUSI-1156 | Strategies for Success | 14.00 | 1.00 | |
| MATH-1202 | Mathematics for Programmers | 45.00 | 3.00 | |
| INFO-1214 | Programming Fundamentals | 90.00 | 6.00 | |
| INFO-1215 | Database Fundamentals | 60.00 | 4.00 | |
| INFO-1216 | Operating Syst Fundamentals-Programmers | 45.00 | 3.00 | |

Group 2

TAKE WRIT-1043 OR WRIT-1034

| | | Total Hours | Total Credits | GE |
|-----------|---------------------------|----------------|------------------|----|
| WRIT-1043 | Reason & Writing 1 for IT | 45.00 | 3.00 | |
| WRIT-1034 | Reason & Writing 1-EAP | 60.00 | 4.00 | |

Subrequirement: Level 2

Take all of the following Mandatory Courses:

Group 1

| | | Total Hours | Total Credits | GE |
|-----------|---------------------------------------|----------------|------------------|----|
| INFO-1167 | Business At the Speed of Light | 45.00 | 3.00 | ** |
| INFO-1217 | Web Design | 45.00 | 3.00 | |
| INFO-3104 | Relational Databases & SQL | 45.00 | 3.00 | |
| INFO-3134 | Object Oriented Programming With Java | 60.00 | 4.00 | |
| INFO-1156 | Object Oriented Programming with C++ | 60.00 | 4.00 | |
| MGMT-3052 | Understanding Workplace Behaviours | 45.00 | 3.00 | ** |

Group 2

TAKE INFO-1234 OR INFO-3120

| | | Total Hours | Total Credits | GE |
|-----------|---------------------|----------------|------------------|----|
| INFO-1234 | Web Scripting-Intro | 45.00 | 3.00 | |

Degree Audit Report

| | | | |
|-----------|-------------------------------------|-------|------|
| INFO-3120 | Programming Commercial Game Engines | 45.00 | 3.00 |
|-----------|-------------------------------------|-------|------|

Subrequirement: Level 3

Take all of the following Mandatory Courses:

| | | Total Hours | Total Credits | GE |
|-----------|--|----------------|------------------|----|
| INFO-3070 | Client/Server Application Development | 45.00 | 3.00 | |
| INFO-5052 | Advanced Databases | 45.00 | 3.00 | |
| INFO-3140 | Object Oriented Analysis & Modeling | 45.00 | 3.00 | |
| INFO-3135 | Data Structures & Algorithms | 45.00 | 3.00 | |
| INFO-1219 | Network Fundamentals for Programmers | 45.00 | 3.00 | |
| COMM-3077 | Communications for IT | 45.00 | 3.00 | |
| COOP-1020 | Co-operative Education Employment Prep | 6.00 | 1.00 | |

Subrequirement: Level 4

Take all of the following Mandatory Courses:

Group 1

| | | Total Hours | Total Credits | GE |
|-----------|--|----------------|------------------|----|
| INFO-3067 | ASP.NET Programming with C# | 45.00 | 3.00 | |
| INFO-3137 | Software Design Patterns 1 | 45.00 | 3.00 | |
| INFO-3136 | Mobile Development | 45.00 | 3.00 | |
| MGMT-3036 | Professional Development-Career Planning | 45.00 | 3.00 | |
| INFO-3138 | Programming With Declarative Languages | 45.00 | 3.00 | |

Group 2

Take INFO-3105 or INFO-3111

| | | Total Hours | Total Credits | GE |
|-----------|----------------------------|----------------|------------------|----|
| INFO-3105 | System Z COBOL Programming | 45.00 | 3.00 | |
| INFO-3111 | C++ Graphics Programming | 45.00 | 3.00 | |

Subrequirement: Level 5

Gen Ed - Take a 3 credit General Education elective course Take all of the following Mandatory Courses:

| | | Total Hours | Total Credits | GE |
|-----------|---------------------------------------|----------------|------------------|----|
| INFO-3139 | JavaScript | 45.00 | 3.00 | |
| INFO-3112 | Managing Software Projects-Applied 1 | 45.00 | 3.00 | |
| INFO-5060 | Component-based Programming with .NET | 45.00 | 3.00 | |
| INFO-5125 | Software Design Patterns 2 | 45.00 | 3.00 | |
| INFO-5101 | C# Advanced Topics | 45.00 | 3.00 | |
| INFO-3141 | Mobile Development-Inter | 45.00 | 3.00 | |

Subrequirement: Level 6

Gen Ed - Take a 3 credit General Education elective course Take all of the following Mandatory Courses:

Group 1

| | | Total Hours | Total Credits | GE |
|-----------|--------------------------------------|----------------|------------------|----|
| INFO-3068 | Secure Computing | 45.00 | 3.00 | |
| INFO-5059 | Java EE Client/Server Applications | 45.00 | 3.00 | |
| INFO-5103 | Managing Software Projects-Applied 2 | 75.00 | 5.00 | |
| INFO-5126 | Mobile Development-Adv | 45.00 | 3.00 | |

Group 2

TAKE INFO-5104 OR INFO-3142

| | | Total Hours | Total Credits | GE |
|-----------|-----------------------|----------------|------------------|----|
| INFO-5104 | C++ Advanced Topics | 45.00 | 3.00 | |
| INFO-3142 | Emerging Technologies | 45.00 | 3.00 | |

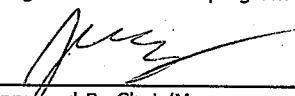
Degree Audit Report

Subrequirement: Gen Ed - Electives

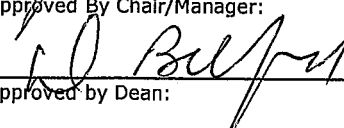
Take 6 General Education Credits - Normally taken in Levels 5 and 6

Subrequirement: Program Residency

Students Must Complete a Minimum of 31 credits in this program at Fanshawe College to meet the Program Residency requirement and graduate from this program



Approved By Chair/Manager:



Approved by Dean:

General Education Approved By(as appropriate):

174 Dec 14/17

Department and Date:

Dec. 15/17

Date:

Date:

TD
Jan. 2/18